

ABSTRACT OF THE DISCLOSURE

There are provided an information write device and an information read device enabling to generate highly accurate contrast signals. When a main light spot P_c is located at the center of the a groove G , the light spot P_c and sub light spots P_{sa} , P_{sb} are each adapted to radiate a disc DSC such that the sub light spots P_{sa} , P_{sb} radiate positions displaced from the center of the land L . The reflected beams of light from the disc DSC caused by the radiation with the light spots P_c , P_{sa} , P_{sb} are detected to generate push-pull signals each corresponding to the light spots P_c , P_{sa} , P_{sb} , respectively, in accordance with each of the detected signals. Furthermore, a signal to be obtained by amplifying an addition signal, given by adding the push-pull signals each corresponding to the sub light spots P_{sa} , P_{sb} , with a predetermined amplification factor K/n , and a push-pull signal corresponding to the main light spot P_c are added to thereby generate a contrast signal.